

Title (en)
METHOD FOR INTERACTION BETWEEN RESOURCE AND ADMISSION CONTROL SYSTEMS AND RESOURCE AND ADMISSION CONTROL SYSTEM

Title (de)
VERFAHREN ZUR INTERAKTION ZWISCHEN RESSOURCEN- UND BERECHTIGUNGSSTEUERSYSTEMEN SOWIE RESSOURCEN- UND BERECHTIGUNGSSTEUERSYSTEM

Title (fr)
PROCÉDÉ D'INTERACTION ENTRE DES SYSTÈMES DE COMMANDE DE RESSOURCES ET D'ADMISSION ET SYSTÈME DE COMMANDE DE RESSOURCES ET D'ADMISSION

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Abstract (en)
[origin: EP2472814A1] The present invention discloses a method for an interaction between resource and admission control systems and a resource and admission control system, the method includes: a resource and admission control function in a fixed network receiving a request message transmitted by a Policy and Charging Rule Function (PCRF) in a mobile network, and converting the request message or parameters carried in the request message into a form that can be processed or identified by a transport functional entity in the fixed network. The technical scheme of the present invention complies with the development trend of the future network, and is simple and practical.

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Citation (search report)
• [I] CN 101453339 A 20090610 - HUAWEI TECH CO LTD [CN] & US 2009228956 A1 20090910 - HE XIANHUI [CN], et al
• [I] WO 2009092299 A1 20090730 - HUAWEI TECH CO LTD [CN], et al & US 2010287599 A1 20101111 - HE XIANHUI [CN], et al
• [A] CN 101262440 A 20080910 - ZTE CORP [CN]
• [XP] YOU JIANJIE ZTE CORPORATION P R CHINA SUN MO ZTE CORPORATION P R CHINA SONG JUN ZTE CORPORATION P R CHINA LU YANQING CHINA TELECOM: "Proposal for the interaction between RACF and PCC in Y.2111;C 331", ITU-T DRAFT ; STUDY PERIOD 2009-2012, INTERNATIONAL TELECOMMUNICATION UNION, GENEVA ; CH, vol. 4/13, 26 August 2009 (2009-08-26), pages 1 - 9, XP017443764
• [I] QIAN WANG CHINA TELECOM P R CHINA AIJUN WANG CHINA TELECOM P R CHINA TONG WU CHINA TELECOM P R CHINA: "Proposal for RACF and non-RACF cooperation;C 275", ITU-T DRAFT ; STUDY PERIOD 2009-2012, INTERNATIONAL TELECOMMUNICATION UNION, GENEVA ; CH, vol. 4/13, 24 August 2009 (2009-08-24), pages 1 - 2, XP017443707
• [A] "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Resource and Admission Control Sub-System (RACS): Functional Architecture", ETSI STANDARD, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI), 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS ; FRANCE, no. V3.4.0, 1 July 2009 (2009-07-01), XP014044413
• [A] "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Policy and charging control architecture (Release 9)", 3GPP STANDARD; 3GPP TS 23.203, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V9.1.0, 1 June 2009 (2009-06-01), pages 1 - 116, XP050363031
• [A] DONG SUN LUCENT TECHNOLOGIES USA: "Output - Draft Recommendation Y.RACF (Y.2111) Revision 2 (Version 0.1.0);TD 120 (NGN-GSI)", ITU-T DRAFT ; STUDY PERIOD 2009-2012, INTERNATIONAL TELECOMMUNICATION UNION, GENEVA ; CH, vol. ngn-gsi ; 4/13, 22 May 2009 (2009-05-22), pages 1 - 161, XP017565297
• See references of WO 2011022961A1

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